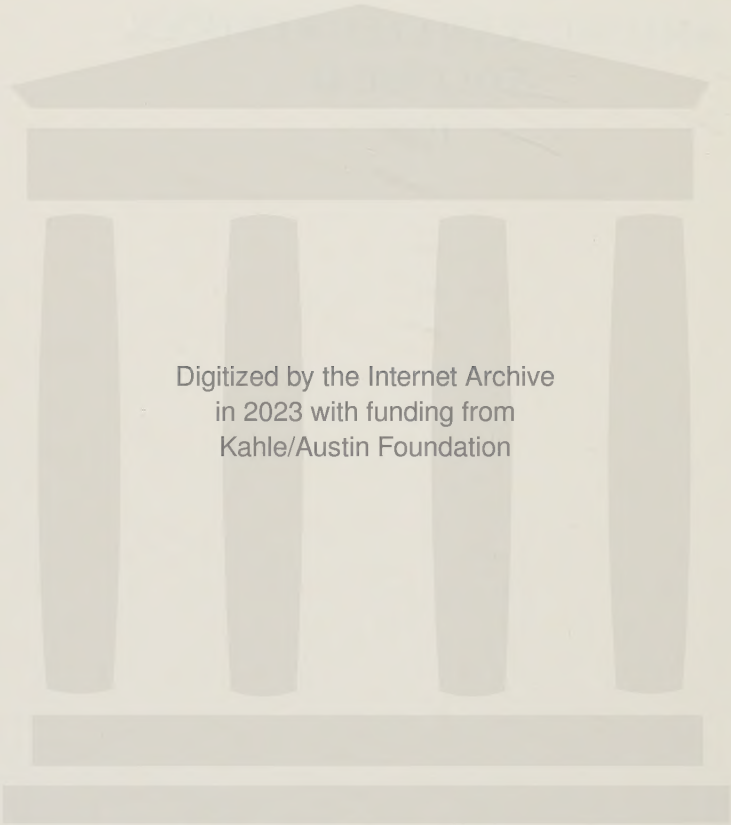
ANTONIE VAN LEEUWENHOEK
VOLUME 48
1982



Digitized by the Internet Archive
in 2023 with funding from
Kahle/Austin Foundation

https://archive.org/details/antonie-van-leeuwenhoek_1982_48_contents

EDITORS:

A. Fuchs	Delft,	Editor-in-Chief	
A. C. van der Linden	Overveen,	Desk Editor	
T. H. Blackburn	Århus	R. A. Prins	Utrecht
P. Bos	Delft	J. W. M. la Rivière	Delft
C. van der Drift	Nijmegen	W. Schmidt-Lorenz	Zürich
G. W. van Eijk	Baarn	J. E. Smith	Glasgow
K. Kersters	Gent	H. Snippe	Utrecht
J. G. Kuenen	Delft	D. van der Waaij	Groningen
B. Norkrans	Göteborg	J. T. M. Wouters	Amsterdam

CONSULTING EDITORS:

J. A. von Arx	Baarn	A. H. Stouthamer	Amsterdam
A. L. Houwink	Voorburg	J. van der Veen	Nijmegen
E. H. Kampelmacher	Bilthoven	H. Veldkamp	Groningen
J. De Ley	Gent	M. Welsch	Liège
E. G. Mulder	Wageningen	K. C. Winkler	Utrecht

CONTENTS

Aardoom, H. A., Iserief, C. O. A., De Hoop, D., Michel, M. F. and **Stolz, E.** Detection of *Neisseria gonorrhoeae* antigen with a solid phase enzyme immunoassay (Gonozyme ®). (*Abstract*) 489
Adamse, A. D. and **Velzeboer, C. T. M.** Features of a *Clostridium*, strain CV-AA1, an obligatory anaerobic bacterium producing acetic acid from methanol 305
Adeniji, A. *see* **Evans, K. O.**
Anné, J. Interspecies hybridisation in fungi following protoplast fusion. (*Abstract*) 516
Appelmelk, B. J. and **MacLaren, D. M.** Measurement of urinary lactic dehydrogenase isoenzyme 5 for the localisation of urinary-tract infection. (*Abstract*) 197
Asperger, H. and **Brandl, E.** The significance of coliforms as indicator organisms in various types of cheese. (*Abstract*) 635
Asselberghs, S. *see* **Eyssen, H.**
Bal, M. *see* **Namavar, F.**
Barbé, J. *see* **Guerrero, R.**
Basu, S. *see* **Sood, L. R.**
Bennett, J. E. *see* **Kwon-Chung, K. J.**
Betlach, M. R. Evolution of bacterial denitrification and denitrifier diversity 585
Beudeker, R. F., Gottschal, J. C. and **Kuenen, J. G.** Reactivity versus flexibility in thiobacilli 39
Blackall, P. J. An evaluation of two commercial systems for the detection of oxidase activity in the genus *Pasteurella* 461
Bolle, A. C. *see* **Langeveld, L. P. M.**
Bonde, G. J. Resuscitation method for attenuated Enterobacteriaceae in drinking water. (*Abstract*) 620
Bongaerts, G. P. A. and **Molendijk, L.** Optimization in typing of aminoglycoside-modifying enzymes. (*Abstract*) 495
Bongaerts, G. P. A. and **Molendijk, L.** The susceptibility of clinically used aminoglycosides to modification of the 2″-hydroxy group by resistance-mediating enzymes. (*Abstract*) 201
Boogerd, F. C. *see* **Stouthamer, A. H.** and **Van Verseveld, H. W.**
Bos, C. J. *see* **Uitzetter, J. H. A. A.**
Bos, J. D. Immune system responses towards *Treponema pallidum* infection. (*Abstract*) 485
Boyd, D. *see* **Qadri, S. M. H.**
Brandl, E. *see* **Asperger, H.**
Breure, A. M. *see* **Cohen, A.**
Cabelli, V. J. Microbial indicator systems for assessing water quality. (*Abstract*) 613

Calvo, M. A. *see* **Martinez, A. T.**
Carlson, C. A. The physiological genetics of denitrifying bacteria 555
Chandiramani, N. K. *see* **Kaura, Y. K.**
Chugh, T. D. Plasmid-linked drug resistance in *Salmonella typhimurium* in Kuwait 401
Clarke, P. H. The metabolic versatility of pseudomonads 105
Cohen, A., Van Deursen, A., Van Andel, J. G. and **Breure, A. M.** Degradation patterns and intermediates in the anaerobic digestion of glucose: Experiments with ^{14}C-labeled substrates 337
Dankert, J. *see also* **Hogt, A. H.**
Dankert, J., Hess, J. and **Holloway, Y.** Penicillin-tolerant viridans streptococci and prevention of infective endocarditis. (*Abstract*) 490
Debevere, J. M. The applicability of the α-toxin method for estimating population levels of *Clostridium perfringens* in food. (*Abstract*) 411
De Buyser, D. R., Spriet, J. A. and **Vansteenkiste, G. C.** Use of the "net effect" sensor as an important tool in computer-controlled fermentations. (*Abstract*) 523
De Graaff, J. *see* **Namavar, F., Touw, J. J. A., Van Steenbergen, T. J. M.** and **Woltjes, J.**
De Hoog, G. S. *see* **Van Oorschot, C. A. N.**
De Hoop, D. *see* **Aardoom, H. A.**
De Kraker, J. *see* **Dobbelaar, C. D. M.**
De Laporte, A., De Valk, L. and **Vandamme, E. J.** The sucrose phosphorylase of *Leuconostoc mesenteroides*: production and application. (*Abstract*) 516
De Ley, J. *see* **Gosselé, F.**
Demeyer, D. I. Stoichiometry of dry sausage fermentation. (*Abstract*) . . 414
De Oliveira, R. B. *see* **Hagler, A. N.**
De Pauw, G. *see* **Eyssen, H.**
De Roo, A. *see* **Oranje, A. P.**
De Valk, L. *see* **De Laporte, A.**
De Vos, N. M. *see* **Mevissen-Verhage, E. A. E.**
De Vries, J. A. *see* **Hogt, A. H.**
Dobbelaar, C. D. M., De Kraker, J., Van der Noordaa, J., Terpstra, W. J. and **Voute, P. A.** Selective decontamination of the digestive tract in oncological paediatric patients. (*Abstract*) 500
Dominguez, A., Varona, R. M., Villanueva, J. R. and **Sentandreu, R.** Mutants of *Saccharomyces cerevisiae* cell division cycle defective in cytokinesis. Biosynthesis of the cell wall and morphology 145
Dufrenne, J. B. *see* **Notermans, S.**
Edens, L., Heslinga, L., Klok, R., Ledeboer, A. M., Maat, J., Toonen, M., Visser, Ch. and **Verrips, C. Th.** Expression of cDNA encoding the sweet plant protein thaumatin in *E. coli*. (*Abstract*) 303

Engels, W. and **Kamps, M. A. F.** The nature of the competitive ability of spontaneous staphylocoagulase-negative mutants of *Staphylococcus aureus* with respect to growth of the parent strains in continuous culture . 67
Evans, K. O., Adeniji, A. and **McClary, D. O.** Selection and fusion of auxotrophic protoplasts of *Candida albicans* 169
Eyssen, H., Verhulst, A., De Pauw, G and **Asselberghs, S.** Biotransformation of C-18 fatty acids and bile acids by *Eubacterium lentum*. (*Abstract*) . . 499
Feijen, J. *see* **Hogt, A. H.**
Ferreira, J. D. Nuclear behaviour during ascus formation in *Saccharomyces rosei* (Guilliermond) Lodder et Kreger-van Rij 1
Fleer, A., Zigterman, G. J. W. J., Van Dijk, H. and **Willers, J. M. N.** Phagocytosis of killed *Listeria monocytogenes* by mouse peritoneal macrophages in vitro: dependence on activation of alternative complement pathway by listeria. (*Abstract*) 203
Fontijne, P. *see* **Goessens, W. H. F.**
Gilbert, R. J. Indicator organisms and fish and shellfish poisoning. (*Abstract*) 623
Gillum, R. L. *see* **Qadri, S. M. H.**
Goessens, W. H. F., Fontijne, P. and **Michel, M. F.** Modification of existing methods for the detection of penicillin tolerance in *Staphylococcus aureus*. (*Abstract*) 492
Gosselé, F., Swings, J., Kersters, K. and **De Ley, J.** Numerical analysis of Frateur's phenotypic data on acetic acid bacteria 289
Gottschal, J. C. *see* **Beudeker, R. F.**
Guerrero, R. and **Barbé, J.** Expression of *recA*-gene gependent SOS functions in *Salmonella typhimurium* 159
Guinée, P. A. M. *see* **Van Leeuwen, W. J.**
Hagler, A. N., De Oliveira, R. B. and **Mendonça Hagler, L. C.** Yeasts in the intertidal sediments of a polluted estuary in Rio de Janeiro, Brazil . 53
Harmsen-Van Amerongen, W. C. M. *see* **Mevissen-Verhage, E. A. E.**
Heidt, P. J. Bacteriological testing of a modified laminar flow microbiological safety cabinet 373
Heinen, W., Lauwers, A. M. and **Mulders, J. W. M.** *Bacillus flavothermus*, a newly isolated facultative thermophile 265
Henricks, P. A. J., Van Erne-Van der Tol, M. E. and **Verhoef, J.** The role of sialic acid in phagocytic cell function. (*Abstract*) 191
Heslinga, L. *see* **Edens, L.**
Hess, J. *see* **Dankert, J.**
Hobbs, G. Indicator organisms in fresh fish in relation to spoilage and public health. (*Abstract*) 619
Hogt, A. H., Dankert, J., Feijen, J. and **De Vries, J. A.** Cell surface hydrophobicity of *Staphylococcus* species and adhesion onto biomaterials. (*Abstract*) 496

Hollocher, T. C. The pathway of nitrogen and reductive enzymes of denitrification 531
Holloway, Y. *see* **Dankert, J.**
Hoogkamer-Te Niet, M. C. *see* **Middelhoven, W. J.**
Houben, A. W. *see* **Stobberingh, E. E.**
Hup, G. *see* **Stadhouders, J.**
Iserief, C. O. A. *see* **Aardoom, H. A.**
Jacobs, R. P. W. M. Pythiaceous fungi associated with the decomposition of *Nymphoides peltata* 433
Jacobs, R. P. W. M. The genus *Apodachlya* 389
Kamps, M. A. F. *see* **Engels, W.**
Kaura, Y. K., Sharma, V. K. and **Chandiramani, N. K.** Enterotoxigenicity and invasiveness of *Salmonella* species 273
Keijbets, M. J. H. Gas- and vacuum-packing of potato products. (*Abstract*) 511
Kersters, K. *see* **Gosselé, F.**
Khuller, G. K. *see* **Malik, U.**
Klok, R. *see* **Edens, L.**
Koek, P. C. Vacuum and gas packaging of vegetables. (*Abstract*) 509
Koning, W., Smelt, J. and **Verrips, Th.** Evaluation of a rapid detection method of *Salmonella* based on the conversion of [^{14}C]dulcitol. (*Abstract*) . 408
Koops, H.-P. *see* **Martiny, H.**
Kothe, F. C. *see* **Van der Sluis, J. J.**
Kott, Y. Fecal *Streptococcus* as an indicator in disinfected water and waste water. (*Abstract*) 639
Kraepelin, G. and **Schulze, U.** *Sterigmatosporidium* gen. n., a new heterothallic basidiomycetous yeast, the perfect state of a new species of *Sterigmatomyces* Fell 471
Kucnerowicz, F., Van de Werf, R. and **Verstraete, W.** Estimation of microbial ATP in waters and soils. (*Abstract*) 522
Kuenen, J. G. *see* **Beudeker, R. F.**
Kwon-Chung, K. J., Bennett, J. E. and **Rhodes, J. C.** Taxonomic studies on *Filobasidiella* species and their anamorphs 25
Labots, H. Vacuum packaging of meat products. (*Abstract*) 504
Lampe, A. S. A variant of the test for gelatin liquefaction in non-fermentative gram-negative rods. (*Abstract*) 207
Langeveld, L. P. M. and **Bolle, A. C.** Oxygen permeability of polyethylene-lined packages containing cultured milk products, and the growth of yeasts and moulds in them. (*Abstract*) 512
Lauwers, A. M. *see* **Heinen, W.**
Ledeboer, A. M. *see* **Edens, L.**
Legdeur-Velthuis, H. *see* **Woltjes, J.**
Lehtinen, H. *see* **Mäntsälä, P.**
Ligtvoet, E. E. J. and **Mouton, R. P.** Hands and nebulizers as a route of

transmission for gram-negative bacilli in an intensive care unit. (*Abstract*) 204
Loebis, L. H. Ceftazidime in the treatment of respiratory- and urinary-tract infections. (*Abstract*) 198
Maat, J. *see* **Edens, L.**
MacLaren, D. M. *see* **Appelmelk, B. J., Namavar, F., Peerbooms, P. G. H.** and **Verwey-Van Vught, A. M. J. J.**
Malik, U. and **Khuller, G. K.** Antibody response to sulfolipids in experimental tuberculosis 285
Manten, A. *see* **Van Leeuwen, W. J.**
Mäntsälä, P. and **Lehtinen, H.** Secretion of ß-lactamase by *Escherichia coli in vivo* and *in vitro*: effect of cerulenin 353
Marcelis, J. H. *see* **Mevissen-Verhage, E. A. E.**
Martinez, A. T. Taxonomic relationships of *Geotrichum flavo-brunneum* . 57
Martinez, A. T., Calvo, M. A. and **Ramirez, C.** Scanning electron microscopy of *Penicillium* conidia 245
Martiny, H. and **Koops, H.-P.** Incorporation of organic compounds into cell protein by lithotrophic, ammonia-oxidizing bacteria 327
Marx, J. J. M. *see* **Van Asbeck, B. S.**
McClary, D. O. *see* **Evans, K. O.**
Mendonça Hagler, L. C. *see* **Hagler, A. N.**
Menke, H. E. *see* **Van der Sluis, J. J.** and **Van Eijk, R. V. W.**
Mevissen-Verhage, E. A. E., De Vos, N. M., Harmsen-Van Amerongen, W. C. M. and **Marcelis, J. H.** A selective medium for the detection and enumeration of clostridia in human faeces. (*Abstract*) 205
Michel, M. F. *see* **Aardoom, H. A., Goessens, W. H. F.** and **Oranje, A. P.**
Middelhoven, W. J. and **M. C. Hoogkamer-Te Niet.** Nitrogen metabolite repression of arginase, ornithine transaminase and allantoinase in a conditional ethionine-resistant mutant of *Saccharomyces cerevisiae* with low activity of catabolic NAD-specific glutamate dehydrogenase 417
Molendijk, L. *see* **Bongaerts, G. P. A.**
Mossel, D. A. A. Marker (index and indicator) organisms in food and drinking water. Semantics, ecology, taxonomy and enumeration. (*Abstract*) . 609
Mossel, D. A. A. *see also* **Müller, H. E.**
Mouton, R. P. *see* **Ligtvoet, E. E. J.**
Mulder, R. W. A. W. Factors affecting the shelf life of chilled poultry: packaging and storage temperature. (*Abstract*) 507
Mulder, S. J. Microbiology of vacuum and gas-packed meat. (*Abstract*) . 503
Mulders, J. W. M. *see* **Heinen, W.**
Müller, H. E. and **Mossel, D. A. A.** Observations on the occurrence of *Salmonella* in 20000 samples of drinking water and a note on the choice of marker organisms for monitoring water supplies. (*Abstract*) 641
Myrold, D. D. *see* **Tiedje, J. M.**
Namavar, F. *see also* **Van Steenbergen, T. J. M, Verwey-Van Vught, A. M.**

J. J. and **Woltjes, J.**
Namavar, F., Verwey-Van Vught, A. M. J. J., Bal, M., Van Steenbergen, T. J. M., De Graaff, J. and **MacLaren, D. M.** The response of human leucocytes to mixtures of aerobic and anaerobic bacteria. (*Abstract*) . . 195
Nijkamp, H. J. J. Maintenance of plasmids in bacterial cells. (*Abstract*) . 302
Notermans, S. and **Dufrenne, J. B.** A simple purification method for enterotoxin F produced by *Staphylococcus aureus* and some properties of the toxin 447
Oranje, A. P., Reimann, K., Van Eijk, R. V. W., Schouten, H. J. A., De Roo, A., Tideman, G. J., Stolz, E. and **Michel, M. F.** ELISA and IHA using two different gonococcal pili as antigens and GCFT using whole gonococci as antigen. Comparison of results obtained by testing sera from patients attending an STD slinic in Rotterdam and from control groups. (*Abstract*) 501
Oranje, J. P. *see* **Van der Kooij, D.**
Payne, W. J. Prefatory remarks 529
Peerbooms, P. G. H., Verwey, A. M. J. J. and **MacLaren, D. M.** Haemolytic activity of *Proteus mirabilis* strains. (*Abstract*) 498
Peerbooms, P. G. H., Verwey-Van Vught, A. M. J. J. and **MacLaren, D. M.** Evaluation of two mouse models to measure the urinary virulence of *Proteus mirabilis*. (*Abstract*) 198
Penido, E. G. C. *see* **Van Elsas, J. D.**
Qadri, S. M. H., Gillum, R. L. and **Boyd, D.** Measurement of serum gentamycin levels by rapid tests 209
Ramirez, C. *see* **Martinez, A. T.**
Reimann, K. *see* **Oranje, A. P.**
Rhodes, J. C. *see* **Kwon-Chung, K. J.**
Roberts, T. A. *see* **Shaw, B. G.**
Robinson, J. A. *see* **Tiedje, J. M.**
Roeymans, H. J. *see* **Van Eijk, G. W.**
Samson, R. A. Modern aspects of food mycology. (*Abstract*) 413
Scheffers, W. A. *see* **Van Doorne, H.**
Schlegel, H. G. *see* **Wilde, E.**
Schmidt-Lorenz, W. Indicator organisms in frozen foods in relation to spoilage. (*Abstract*) 625
Schouten, H. J. A. *see* **Oranje, A. P.**
Schulze, U. *see* **Kraepelin, G.**
Sentandreu, R. *see* **Dominguez, A.**
Sexstone, A. J. *see* **Tiedje, J. M.**
Sharma, V. K. *see* **Kaura, Y. K.**
Shaw, B. G. and **Roberts, T. A.** Indicator organisms in raw meats. (*Abstract*) 612
Smelt, J. *see* **Koning, W.**
Smit, A. M. *see* **Verwey-Van Vught, A. M. J. J.**

Sood, L. R. and **Basu, S.** Host specificity of *Salmonella weltevreden* typing phages 97
Spriet, J. A. *see* **De Buyser, D. R.**
Stadhouders, J. and **Hup, G.** Index and indicator organisms in milk powder. (*Abstract*) 633
Steensma, H. Y. An evaluation of the rate constants for the adsorption of the defective phage PBS Z to *Bacillus subtilis* 183
Stobberingh, E. E., Houben, A. W. and **Van Boven, C. P. A.** Cephalosporin resistance among gram-negative hospital strains and the prevalence of ß-lactamase types. (*Abstract*) 200
Stobberingh, E. E., Houben, A. W. and **Van Boven, C. P. A.** The effect of clavulanic acid on the antibacterial activity of ticarcillin. (*Abstract*) . . 493
Stolz, E. *see* **Aardoom, H. A.** and **Oranje, A. P.**
Stouthamer, A. H., Boogerd, F. C. and **Van Verseveld, H. W.** The bioenergetics of denitrification 545
Struyvenberg, A. *see* **Van Asbeck, B. S.**
Swings, J. *see* **Gosselé, F.**
Terpstra, W. J. *see* **Dobbelaar, C. D. M.**
Tideman, G. J. *see* **Oranje, A. P.**
Tiedje, J. M., Sexstone, A. J., Myrold, D. D. and **Robinson, J. A.** Denitrification: ecological niches, competition and survival 569
Toonen, M. *see* **Edens, L.**
Touw, J. J. A., Van Kampen, G. P. J., Van Steenbergen, T. J. M., Veldhuizen, J. P. and **De Graaff, J.** Effect of culture filtrates of black-pigmented *Bacteroides* species on the matrix production of chick embryo chondrocytes in vitro. (*Abstract*) 203
Touw, J. J. A., Van Steenbergen, T. J. M. and **De Graaff, J.** Butyrate: a cytotoxin for Vero cells produced by *Bacteroides gingivalis* and *Bacteroides asaccharolyticus* 315
Uitzetter, J. H. A. A., Bos, C. J. and **Visser, J.** Growth characteristics of *Aspergillus nidulans* mutants defective in carbohydrate metabolism . . 219
Van Andel, J. G. *see* **Cohen, A.**
Van Asbeck, B. S., Marx, J. J. M., Struyvenberg, A. and **Verhoef, J.** Defects of phagocytic cells in patients with iron overload. (*Abstract*) 192
Van Assche, P. F. Microbiological aspects of anaerobic digestion. (*Abstract*) 520
Van Boven, C. P. A. *see* **Stobberingh, E. E.**
Vandamme, E. J. *see* **De Laporte, A.**
Van der Kooij, D., Visser, A. and **Oranje, J. P.** Multiplication of fluorescent pseudomonads at low substrate concentrations in tap water 229
Van der Noordaa, J. *see* **Dobbelaar, C. D. M.**
Van der Sluis, J. J., Menke, H. E. and **Kothe, F. C.** Transfusion syphilis: survival of *Treponema pallidum* in donor blood. (*Abstract*) 487
Van der Walt, J. P. *Hansenula euphorbiaphila* sp. nov., a new, diploid hete-

rothallic yeast species 465
Van der Walt, J. P. *Pichia meyerae*, a new, sexually agglutinating, heterothallic, diploid yeast species 383
Van Deursen, A. *see* **Cohen, A.**
Van de Werf, R. *see* **Kucnerowicz, F.**
Van Dijk, H. *see* **Fleer, A.**
Van Doorne, H. and **Scheffers, W. A.** Some microbiological aspects of pharmaceutical dosage forms. (*Abstract*) 206
Van Eijk, G. W. *see* **Weijman, A. C. M.**
Van Eijk, G. W. and **Roeymans, H. J.** Distribution of carotenoids and sterols in relation to the taxonomy of *Taphrina* and *Protomyces* 257
Van Eijk, R. V. W. *see* **Oranje, A. P.**
Van Eijk, R. V. W. and **Menke, H. E.** Modern syphilis serology. (*Abstract*) . 488
Van Eijk, R. V.W. and **Van Emden, J. D. A.** Molecular characterization of *Treponema pallidum* proteins responsible for the human immune response to syphilis. (*Abstract*) 486
Van Elsas, J. D. and **Penido, E. G. C.** Characterization of a new *Bacillus megaterium* bacteriophage, MJ-1, from tropical soil 365
Van Embden, J. D. A. Transferable drug resistance in streptococci. (*Abstract*) 301
Van Embden, J. D. A. *see also* **Van Eijk, R. V. W.**
Van Erne-Van der Tol, M. E. *see* **Hendricks, P. A. J.**
Van Kampen, G. P. J. *see* **Touw, J. J. A.**
Van Kleeff, B. H. A. Measuring and control in laboratory fermentors using a microcomputer. Practical experiences. (*Abstract*) 521
Van Laere, A. J. Dormancy and activation of *Phycomyces* spores. (*Abstract*) 515
Van Leeuwen, W. J., Voogd, C. E., Guinée, P. A. M. and **Manten, A.** Incidence of resistance to ampicillin, chloramphenicol, kanamycin, tetracycline and trimethoprim of *Salmonella* strains isolated in The Netherlands during 1975–1980 85
Van Oorschot, C. A. N. and **De Hoog, G. S.** A new species of *Anthopsis* . 61
Van Steenbergen, T. J. M. *see also* **Namavar, F.** and **Touw, J. J. A.**
Van Steenbergen, T. J. M., Namavar, F. and **De Graaff, J.** Chemiluminescence of leucocytes stimulated by different black-pigmented *Bacteroides* strains. (*Abstract*) 194
Vansteenkiste, G. C. *see* **De Buyser, D. R.**
Van Verseveld, H. W. *see also* **Stouthamer, A. H.**
Van Verseveld, H. W. and **Boogerd, F. C.** Energy conservation in aerobically and anaerobically grown *Paracoccus denitrification*. The role of cytochrome *c* oxidase. (*Abstract*) 297
Varona, R. M. *see* **Dominguez, A.**
Veldhuizen, J. P. *see* **Touw, J. J. A.**

Velzeboer, C. T. M. *see* **Adamse, A. D.**
Verhoef, J. The role of the phagocyte in resistance to infection. (*Abstract*) . 189
Verhoef, J. *see also* **Henricks, P. A. J.** and **Van Asbeck, B. S.**
Verhulst, A. *see* **Eyssen, H.**
Verrips, C. Th. *see* **Edens, L.**
Verrips, Th. *see* **Koning, W.**
Verstraete, W. *see* **Kucnerowicz, F.**
Verwey, A. M. J. J. *see* **Peerbooms, P. G. H.**
Verwey-Van Vught, A. M. J. J. *see also* **Namavar, F.** and **Peerbooms, P. G. H.**
Verwey-Van Vught, A. M. J. J., Smit, A. M., Namavar, F. and **MacLaren, D. M.** Phagocytosis and killing of mecillinam-resistant mutants of *Klebsiella pneumoniae* and *Escherichia coli*. (*Abstract*) 195
Villanueva, J. R. *see* **Dominguez, A.**
Visser, A. *see* **Van der Kooij, D.**
Visser, Ch. *see* **Edens, L.**
Visser, J. *see* **Uitzetter, J. H. A. A.**
Voogd, C. E. *see* **Van Leeuwen, W. J.**
Voute, P. A. *see* **Dobbelaar, C. D. M.**
Waes, G. A rapid method to detect postcontamination in pasteurized milk. (*Abstract*) 407
Weijman, A. C. M. and **Van Eijk, G. W.** Use of a single infusion bottle to culture and prepare potentially hazardous microorganisms for biochemical analysis. Culturing on solid media 457
Wiersma, M. *see* **Olijve, W.**
Wilde, E. and **Schlegel, H. G.** Oxygen tolerance of strictly aerobic hydrogen-oxidizing bacteria 131
Willers, J. M. N. *see* **Fleer, A.**
Woltjes, J., Legdeur-Velthuis, H., Namavar, F. and **De Graaff, J.** Chemiluminescence of human leucocytes stimulated by streptococci and streptococcal survival in the presence of blood cells. (*Abstract*) 196
Zigterman, G. J. W. J. *see* **Fleer, A.**